

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An image processing apparatus comprising:

input means for inputting an image signal;

image processing means for subjecting the image signal input from the input means to an image process comprising ~~a plurality of~~ individual processes of a color conversion process, a discrimination process, a filter process and a tone process;

memory means for use in the image process in the image processing means;

designation means for designating a process condition for the image signal input by the input means; and

control means for effecting a control to allocate a memory capacity, which is usable in the memory means, to the individual processes at ratios determined for each ~~in the image process in accordance with the~~ process condition designated by the designation means.

2. (Currently Amended) The image processing apparatus according to claim 1, wherein the process condition designated by the designation means is one of ~~comprises~~ a character/photo mode, a photo mode with a stress on reproducibility of a photo, a character mode with a stress on reproducibility of a character, and a map mode.

3. (Currently Amended) The image processing apparatus according to claim 1, wherein the process condition designated by the designation means is one of ~~comprises~~ an auto mode in which it is determined whether the input image signal is a color signal or a monochromatic signal, a color mode in which a color image process is executed, and a monochromatic mode in which a monochromatic image process is executed.

4. (Canceled)

5. (Currently Amended) The image processing apparatus according to claim 1, wherein the control means ~~differently~~ allocates a processing time to the individual processes ~~in the image process in accordance with the~~ at ratios determined for each process condition designated by the designation means.

6. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where a processing time in the image process is restricted, the control means allocates a memory capacity to the individual processes ~~in the image process in accordance with the~~ at ratios for each process condition designated by the designation means.

7. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where a processing time in the image process is restricted, the control means differently allocates the processing time to the individual processes ~~in the image process in accordance with the~~ at ratios determined for each process condition designated by the designation means.

8. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where the process condition designated by the designation means is a photo mode, the control means allocates a greater memory capacity of the memory means, or a greater processing time, or a greater memory capacity and a greater processing time to the a color conversion process ~~in the image process~~ than to the other processes ~~in accordance with the photo mode.~~

9. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where the process condition designated by the designation means is a photo mode, the control means allocates a less memory capacity of the memory means, or a less processing time, or a less memory capacity and a less processing time to the a discrimination

process ~~in the image process~~ than to the other processes ~~in accordance with the photo mode~~, or the control means allocates neither a memory capacity of the memory means nor a processing time to the discrimination process.

10. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where the process condition designated by the designation means is a character mode, the control means allocates a greater memory capacity of the memory means, or a greater processing time, or a greater memory capacity and a greater processing time to the a discrimination process in the image process than to the other processes ~~in accordance with the character mode~~.

11. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where the process condition designated by the designation means is a map mode, the control means allocates a greater memory capacity of the memory means, or a greater processing time, or a greater memory capacity and a greater processing time to the a filter process in the image process than to the other processes ~~in accordance with the map mode~~.

12. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where an additional process that is different from the individual processes ~~in the image process~~ is newly provided, the control means effects a control to allocate a memory capacity, which is usable in the memory means, to the individual processes ~~of the image process~~ and to the additional process at ratios determined for each ~~in accordance with the process condition designated by the designation means~~.

13. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where an additional process that is different from the individual processes ~~in the image process~~ is newly provided, the control means ~~differently~~ allocates a processing time to the individual processes ~~of the image process~~ and to the additional process at ratios determined for each ~~in accordance with the~~ process condition designated by the designation means.

14. (Currently Amended) An image processing apparatus comprising:
input means for inputting an image signal;
image processing means for subjecting the image signal input from the input means to an image process comprising ~~a plurality of individual processes~~ of a color conversion process, a discrimination process, a filter process and a tone process;
memory means for use in the image process in the image processing means;
determination means for determining attributes of the image signal input from the input means;
designation means for designating a process condition for the image signal input by the input means; and
control means for effecting a control to allocate a memory capacity, which is usable in the memory means, to the individual processes at ratios determined for each ~~in the image process in accordance with the~~ process condition designated by the designation means or a determination result of the determination means.

15. (Currently Amended) The image processing apparatus according to claim 14, wherein the control means ~~differently~~ allocates a processing time to the individual processes at ratios determined for each ~~in the image process in accordance with the~~ process condition designated by the designation means or the determination result of the determination means.

16. (Currently Amended) An image processing method comprising:
inputting an image signal;
subjecting the input image signal to an image process comprising ~~a plurality of~~
individual processes of a color conversion process, a discrimination process, a filter process
and a tone process, with use of memory means;
designating a process condition for the input image signal; and
allocating a memory capacity, which is usable in the memory means, to the individual
processes at ratios determined for each ~~in the image process in accordance with the~~
designated process condition.

17. (Currently Amended) The image processing method according to claim 16,
wherein a processing time is ~~differently~~ allocated to the individual processes at ratios
determined for each ~~in the image process in accordance with the~~ designated process
condition.

18. (Currently Amended) The image processing apparatus according to claim 2,
wherein in a case where the process condition designated by the designation means is a photo
mode, the control means allocates a greater memory capacity of the memory means, or a
greater processing time, or a greater memory capacity and a greater processing time to a color
conversion process ~~in the image process~~ than to the other processes ~~in accordance with the~~
~~photo mode~~.

19. (Currently Amended) The image processing apparatus according to claim 2,
wherein in a case where the process condition designated by the designation means is a photo
mode, the control means allocates a less memory capacity of the memory means, or a less
processing time, or a less memory capacity and a less processing time to a discrimination
process ~~in the image process~~ than to the other processes ~~in accordance with the photo mode~~,

or the control means allocates neither a memory capacity of the memory means nor a processing time to the discrimination process.

20. (Currently Amended) The image processing apparatus according to claim 2, wherein in a case where the process condition designated by the designation means is a character mode, the control means allocates a greater memory capacity of the memory means, or a greater processing time, or a greater memory capacity and a greater processing time to [[a]] the discrimination process in the image process than to the other processes ~~in accordance with the character mode.~~